

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App. No. : 10/500,736 Confirmation No. 6690  
Applicant : Yoshifumi Kachi et al.  
Filed : July 1, 2004  
T.C./A.U. : 3742  
Examiner : Sang Yeop Paik  
Docket No. : 039.0025  
Customer No. : 29453

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY Under 37 C.F.R. § 1.111**

Sir:

In response to the Office action of January 8, 2007, Applicants respectfully submit the following reply, constituted by amendments to the specification, drawings, and claims, and accompanying remarks urging the patentability of the claims. (This reply is being filed on June 8, 2007 along with a petition for a two -month extension of time, and is therefore timely filed.)

**AMENDMENT Pursuant to 37 C.F.R. § 1.121**

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 5 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper, and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks** begin on page 9 of this paper.

An **Appendix** including amended drawing figures is attached following page 11 of this paper.